

# 2008 Daily Values

## MISSISSIPPI RIVER AT GRAYS POINT (MANUALLY OBSERVED GAGE), MO (MIGP/0046A)

Location: LAT. 37-14-59, LONG. 89-27-52. ON RIGHT BANK AT MILE 46.3 ABOVE THE MOUTH OF THE OHIO RIVER.

Gage: STAFF IN TWO SECTIONS. OWNED, OPERATED AND MAINTAINED BY THE ST. LOUIS DISTRICT, CORPS OF ENGINEERS.

General Information: FLOOD STAGE, 25 FEET. DRAINAGE AREA, 713,128 SQUARE MILES. NOTE: THE 4,000 SQUARE MILES IN GREAT DIVIDE BASIN ARE NO LONGER INCLUDED.

Records Available: STAGE, NOV. 1878 TO DATE, IN FILES OF CORPS OF ENGINEERS.

Mean Stage: PERIOD OF RECORD, 16.49 FT .

Extreme Stage: PERIOD OF RECORD, DAILY HIGH OF 46.40 FT OCCURRING ON MULTIPLE DATES WITH THE MOST RECENT ON 08 AUG 1993 & PERIOD OF RECORD, DAILY LOW OF 0.20 FT ON 15 JAN 1909 .

Zero Gage Datum: 301.18 ft NGVD. NOTE: ADD DATUM TO STAGE TO OBTAIN ELEVATION.

ALL VALUES RECORDED AT 8AM. STAGE IN FT:

	Month											
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	13.8	12.6	21.0	32.9	35.3	31.2	A	33.4	11.8	21.8	18.7	10.7
2	13.7	12.1	20.5	34.2	35.3	31.0	A	33.8	12.0	21.4	18.0	10.6
3	11.9	12.2	20.0	35.0	34.9	30.8	A	34.3	11.6	20.8	17.0	10.7
4	11.0	12.8	21.9	35.2	34.8	30.7	A	34.4	11.0	20.0	16.3	10.3
5	10.6	14.2	24.7	35.4	34.9	31.0	A	33.8	11.6	19.3	15.3	9.8
6	10.7	16.8	28.0	34.9	34.9	31.8	m	32.1	15.2	18.8	14.5	9.6
7	11.3	21.0	31.0	35.5	34.5	32.6	m	29.4	22.4	18.4	13.9	9.6
8	11.9	24.2	32.1	34.3	34.5	33.5	m	26.6	23.7	17.9	13.4	9.3
9	13.4	24.4	32.2	33.5	34.8	34.5	39.2	25.0	21.2	17.5	12.8	9.3
10	17.4	23.9	31.7	33.0	35.1	35.3	38.2	23.5	19.7	17.4	12.8	9.0
11	19.9	23.4	30.6	34.5	35.6	35.7	36.8	22.5	17.0	17.2	14.8	8.5
12	21.7	22.5	28.5	36.0	36.0	36.2	35.8	21.5	15.8	16.6	16.4	9.3
13	22.3	21.1	26.5	37.1	36.2	36.5	37.8	22.2	16.8	15.9	15.9	9.4
14	22.1	19.7	25.1	38.1	36.4	36.7	33.6	19.0	17.5	15.4	15.4	9.5
15	21.5	19.8	24.5	38.9	36.6	36.9	32.7	17.2	22.8	15.4	15.0	10.0
16	20.0	20.0	24.5	38.8	37.0	37.2	31.9	16.4	30.5	15.4	14.7	I
17	19.3	20.5	24.8	38.3	36.9	37.6	31.1	16.4	33.5	14.7	14.3	11.0
18	18.7	21.2	29.0	37.8	36.4	38.2	30.1	16.3	36.0	14.8	13.9	10.9
19	15.7	24.1	34.2	37.1	35.9	38.4	29.3	16.0	37.7	14.9	13.8	10.6
20	18.2	27.4	37.8	36.2	35.4	A	28.5	15.4	38.6	15.3	13.8	10.3
21	16.6	28.8	39.0	35.4	34.6	A	27.9	14.8	38.8	14.9	13.9	10.1
22	15.5	27.5	39.5	34.7	34.0	A	27.0	14.5	38.0	14.7	13.9	11.9
23	14.4	26.0	A	34.5	33.2	A	26.7	14.8	36.3	14.2	13.9	11.2
24	14.4	25.0	40.4	34.6	32.1	A	26.7	14.2	33.4	13.9	13.6	12.1
25	14.5	23.9	39.8	34.6	31.5	A	27.4	13.6	29.7	14.4	13.5	12.8
26	14.2	22.8	38.7	34.5	31.0	A	28.0	12.8	26.3	15.0	12.4	13.3
27	13.7	22.5	37.2	A	32.0	A	28.3	12.1	24.2	16.0	12.0	13.4
28	13.6	22.0	35.8	A	32.5	A	29.1	11.7	22.9	18.9	11.0	13.3
29	13.6	21.3	34.3	A	32.8	A	30.4	11.3	22.0	20.5	11.1	19.3
30	13.4	----	33.1	35.2	32.5	A	31.4	10.8	21.8	20.2	11.3	25.5
31	13.5	----	32.9	----	31.7	----	32.5	11.3	----	19.5	----	28.4

The following statistics are based on observations occurring in 2008 only.

Mean	15.6	21.2	30.6	35.6	34.5	34.5	31.3	20.4	24.0	17.1	14.2	12.0
Max	22.3	28.8	40.4	38.9	37.0	38.4	39.2	34.4	38.8	21.8	18.7	28.4
Min	10.6	12.1	20.0	32.9	31.0	30.7	26.7	10.8	11.0	13.9	11.0	8.5
Day	31	29	30	27	31	19	23	31	30	31	30	30

The Mean STAGE for the Year was: 23.7

The Highest STAGE for the Year was: 40.4 which occurred on: 03-24-2008

The Lowest STAGE for the Year was: 8.5 which occurred on: 12-11-2008 The Total Number of Days for the Year was: 342

Note:

I = Ice/Shore Ice

A = No Record

m =

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